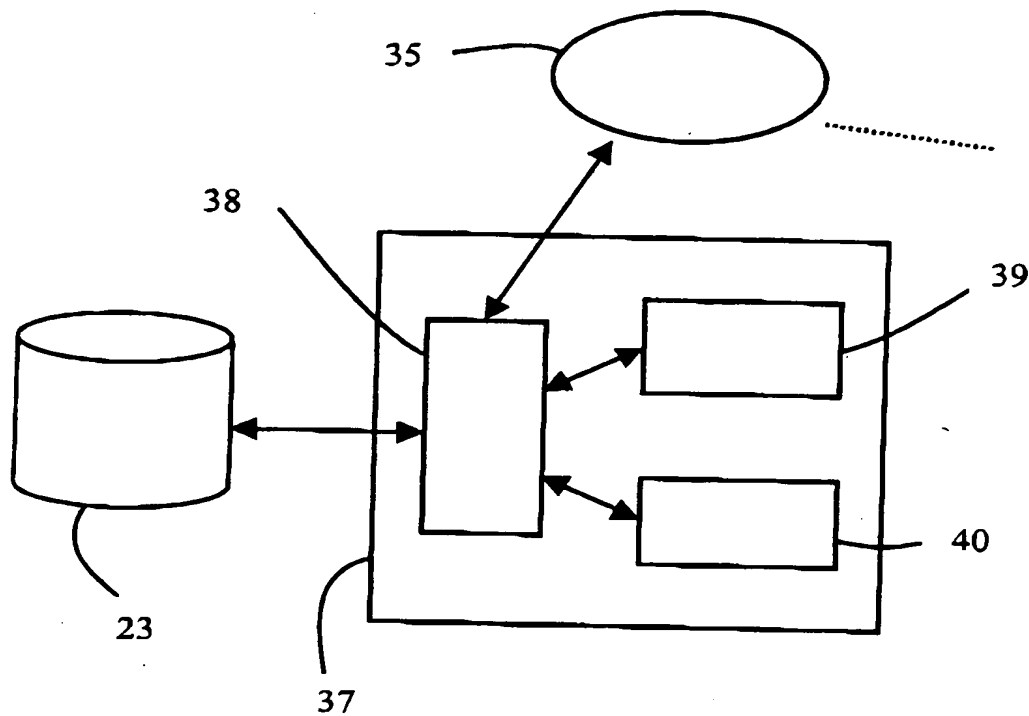
**Fig. 1A**

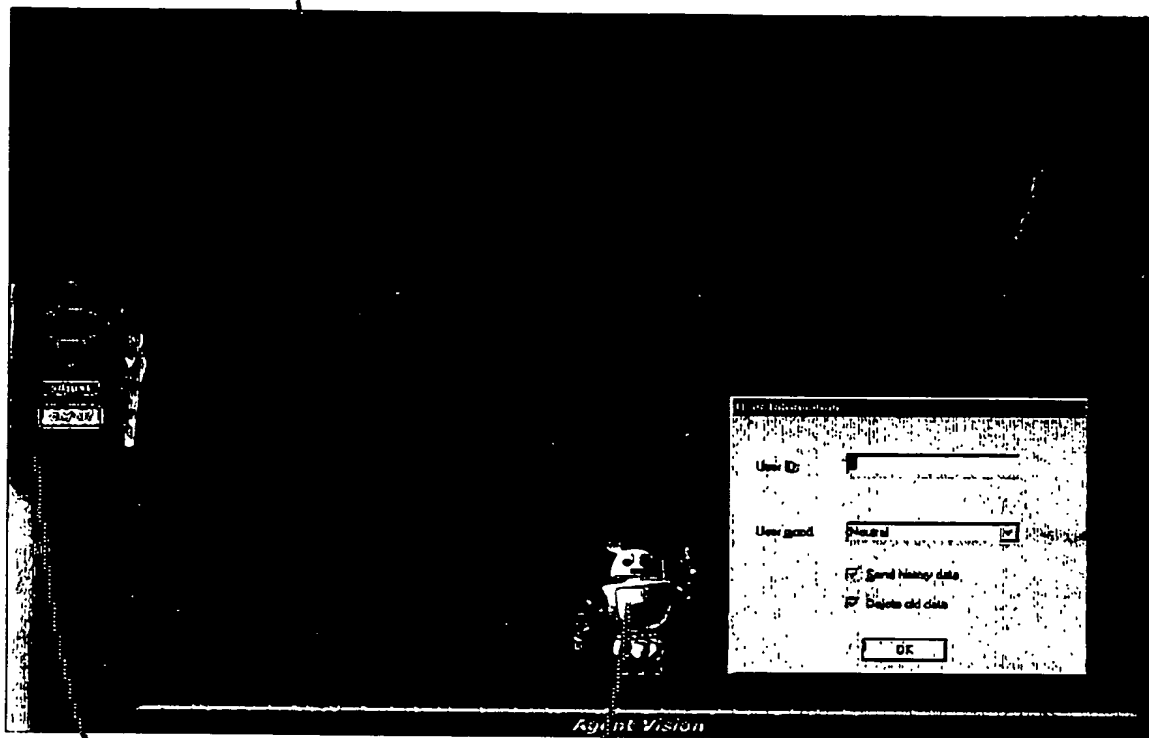
**Fig. 1B**

EPG ID	Program ID	Category ID	Sub-category ID	Title	EPG Channel	Day	Date	Start-Time	Exact Duration	Year Of Make
1	1	16	564	ferishitei (felicity) no seishun	Wow	Fri	4/9/99	20:00	50	1999
2	2	16	564	Suzuran	Nhk	Mon	4/5/99	8:15	15	1999
3	3	16	217	genroku ryoran	Nhk	Sun	4/4/99	20:00	45	1999
4	4	16	564	nichiyo gekijo/goddo nyu-su	Tbs	Sun	4/11/99	21:00	54	1999
5	5	16	563	abunai ho-kago	Asahi	Mon	4/12/99	20:00	54	1999
6	6	16	564	rippu suteikku (lip stick)	Fuji	Mon	4/12/99	21:00	54	1999
7	7	16	519	Romansu	Nihon	Mon	4/12/99	22:00	84	1999
8	8	16	188	furuhata ninzaburo	Fuji	Tue	4/13/99	21:00	69	1999
9	9	16	001	kizudarake no onna	Fuji	Tue	4/13/99	22:15	54	1999
10	10	16	564	happi ai to kando no monogatari	Tokyo	Wed	4/14/99	20:00	54	1999
11	11	16	563	Naomi	Fuji	Wed	4/14/99	21:00	54	1999
12	12	16	564	aka ga hashiru - lo-gei seishun ki	Nhk	Wed	4/7/99	22:00	45	1999
13	13	16	519	semi daburu	Fuji	Wed	4/14/99	22:00	54	1999
14	14	16	188	Maiko san wa meitantei!	Asahi	Wed	4/15/99	20:00	54	1999
15	15	16	519	koi no kiseki	Asahi	Thu	4/15/99	21:00	69	1999

Fig. 2

11

10



30

12

Fig. 3

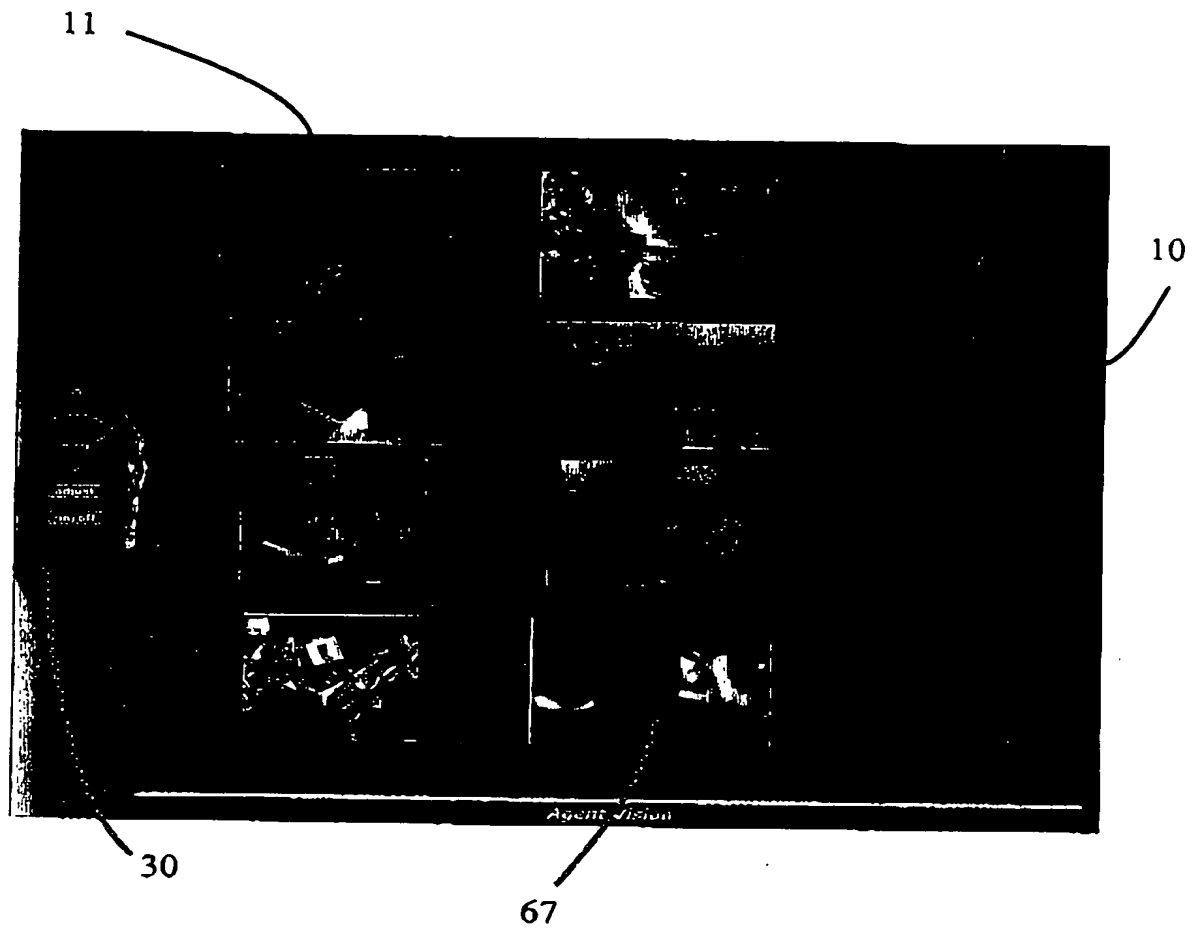


Fig. 4

005260"59489560

11



10

30

68

Fig. 5

005260"5948960

502

500

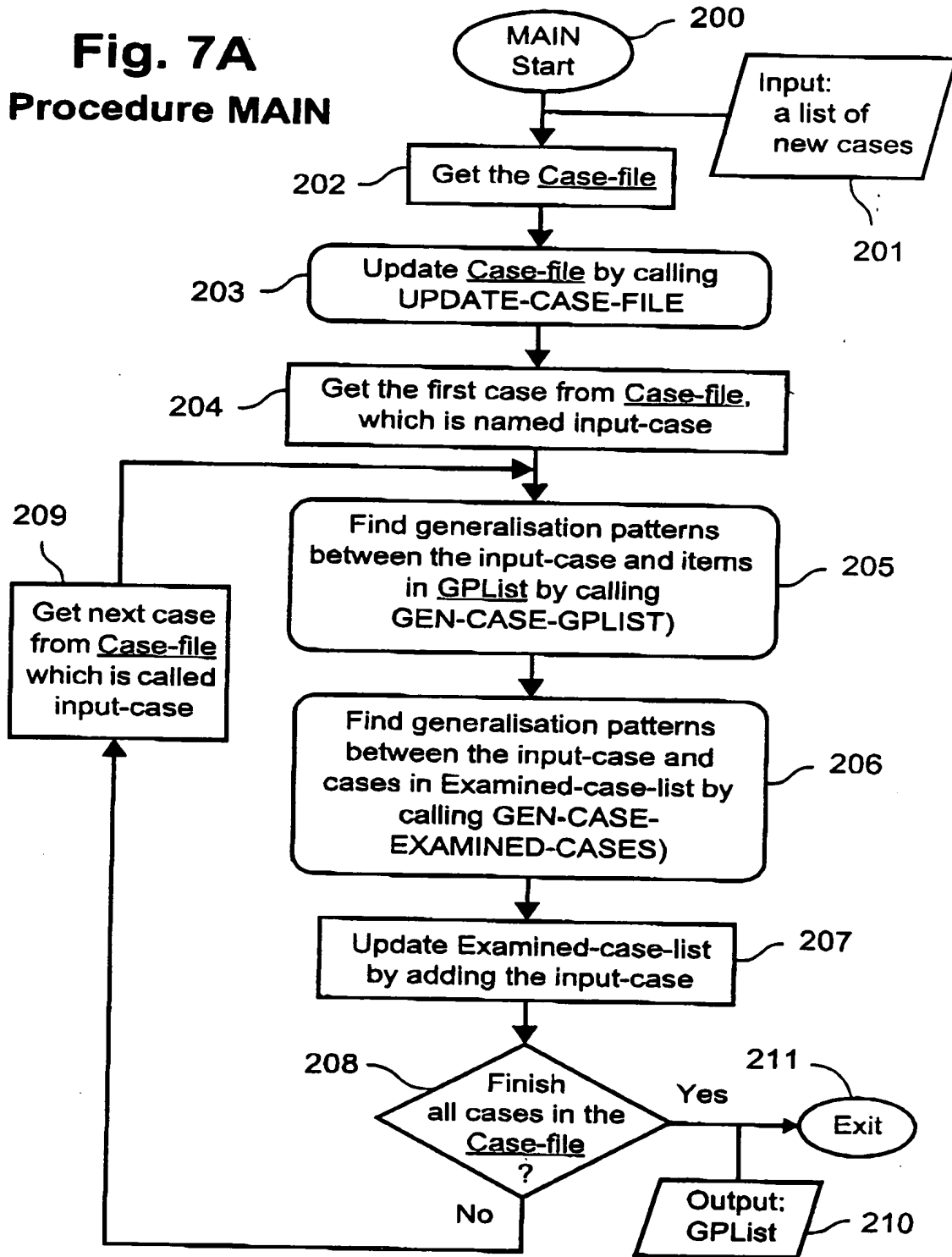
503

501

Category_ID	Subcategory_ID	Start_Time	Day	EPG_channel	Year_of_make	Occurrence
16	-1	-1	-1	-1	-1	6
16	564	-1	-1	-1	1999	3
16	564	2200	-1	-1	1999	2
-1	564	-1	-1	-1	-1	8
-1	564	-1	5	-1	-1	2
50	-1	-1	-1	-1	-1	10
-1	564	-1	2	-1	-1	2
50	564	-1	-1	-1	-1	5
-1	564	-1	4	-1	-1	2

Fig. 6

Fig. 7A
Procedure MAIN



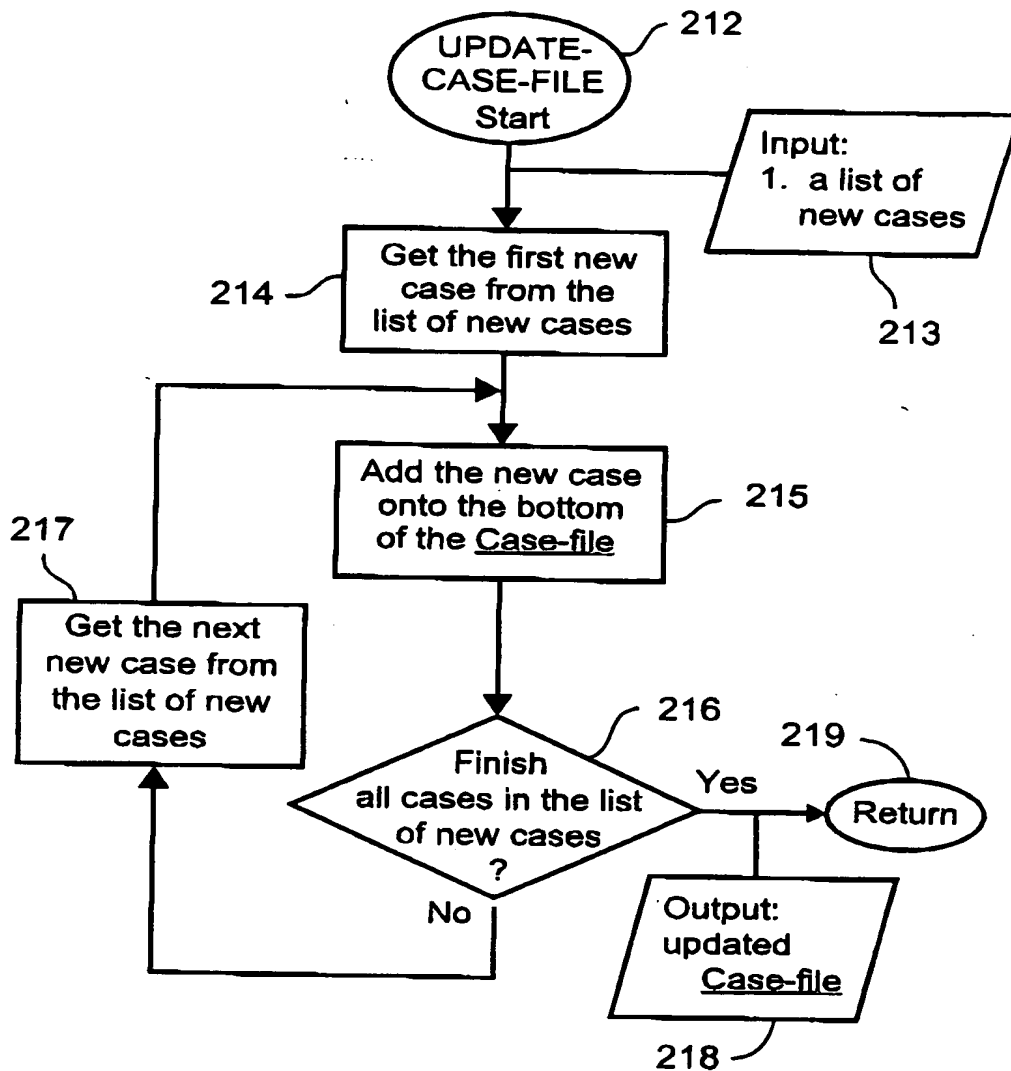


Fig. 7B
Sub-routine UPDATE-CASE-FILE

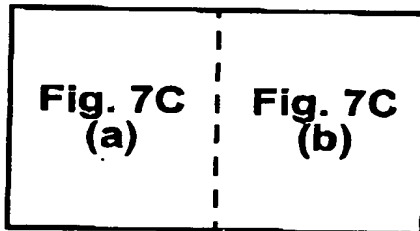
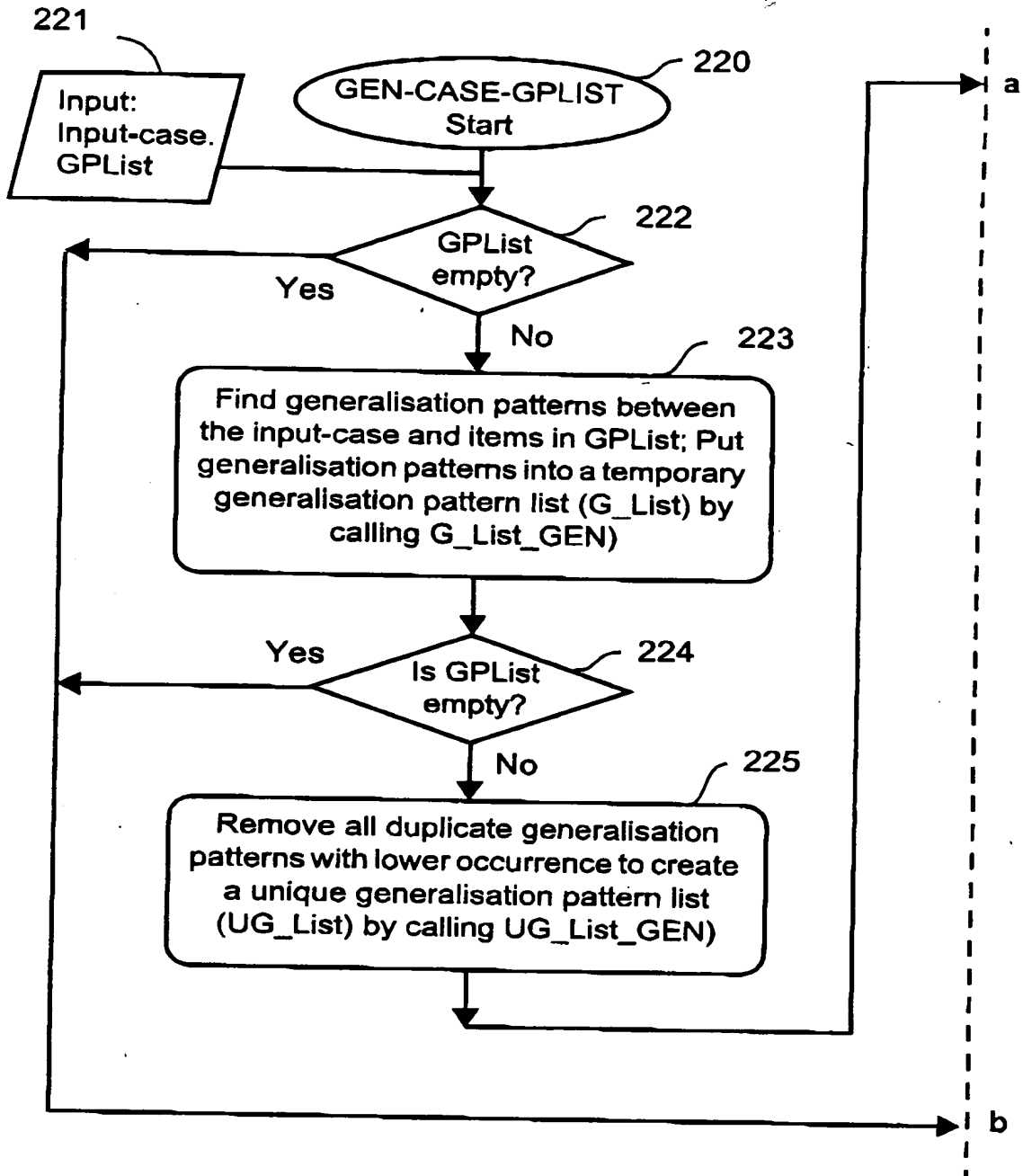


Fig. 7C (a)
Sub-routine
GEN-CASE-GPLIST

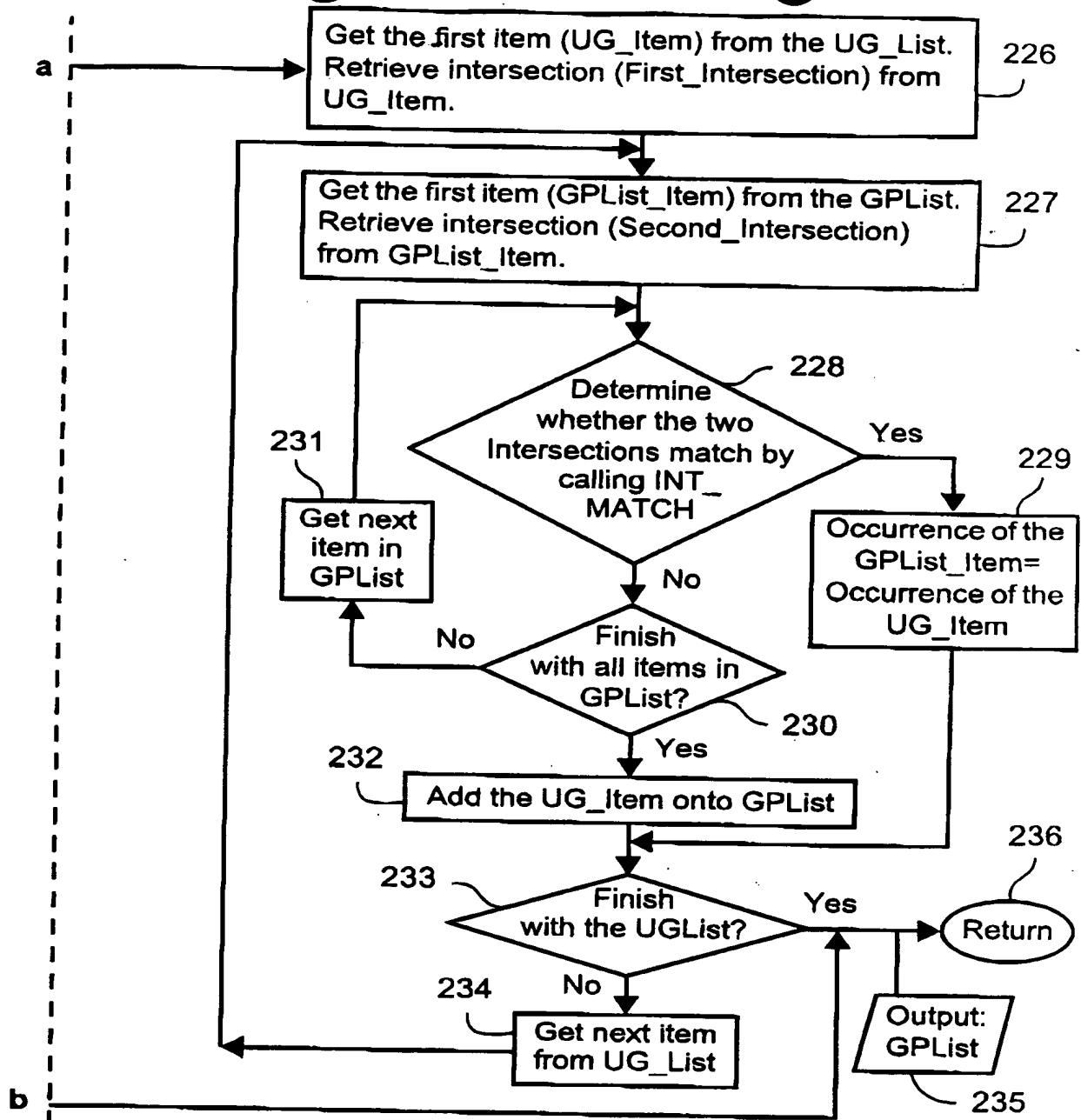
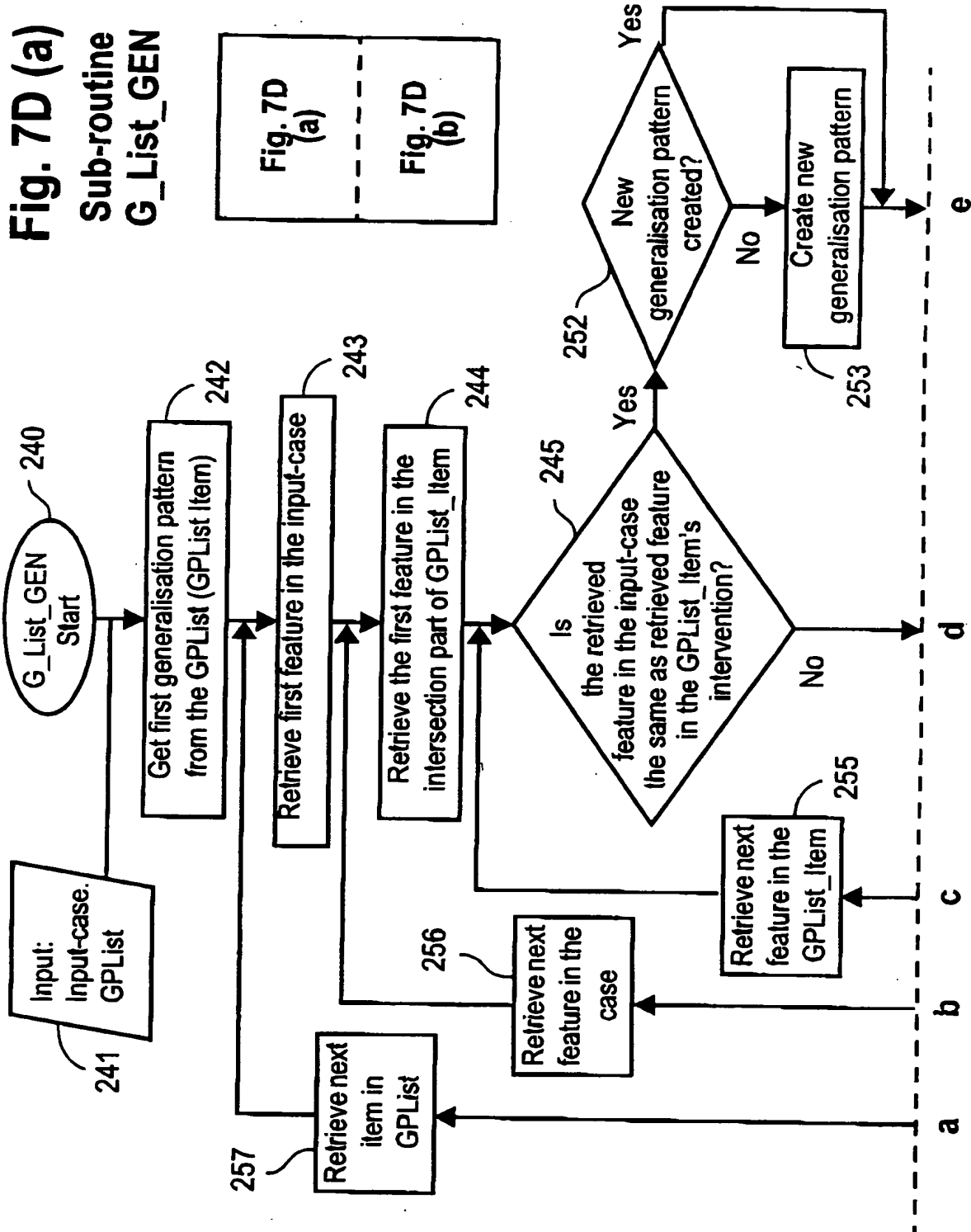
Fig. 7C
(a)Fig. 7C
(b)

Fig. 7C (b)
Sub-routine
GEN-CASE-GPLIST

Fig. 7D (a)
Sub-routine
G_List_GEN



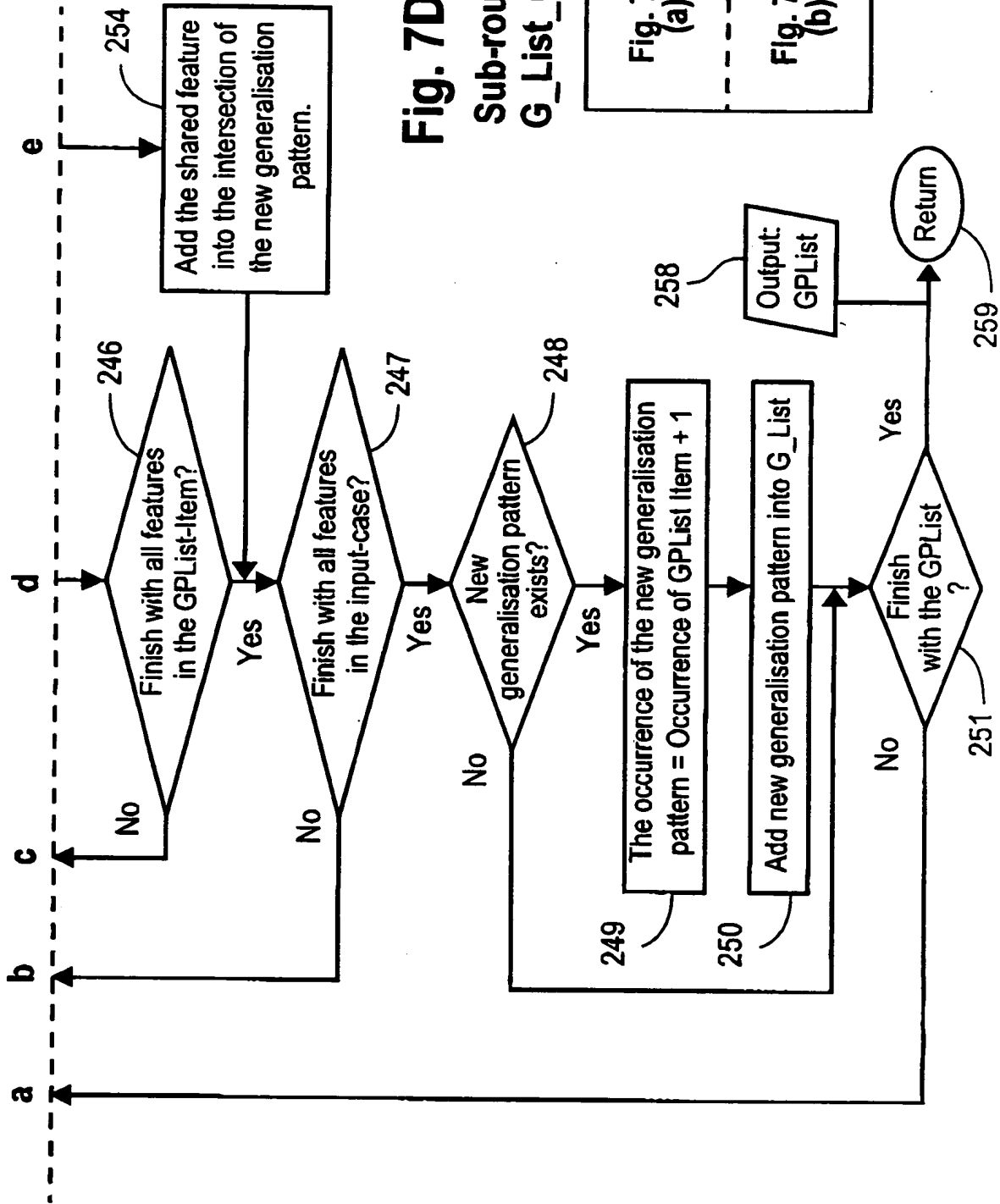
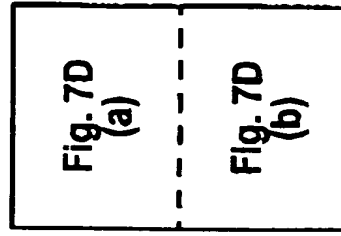


Fig. 7D (b)
Sub-routine
G_List_GEN



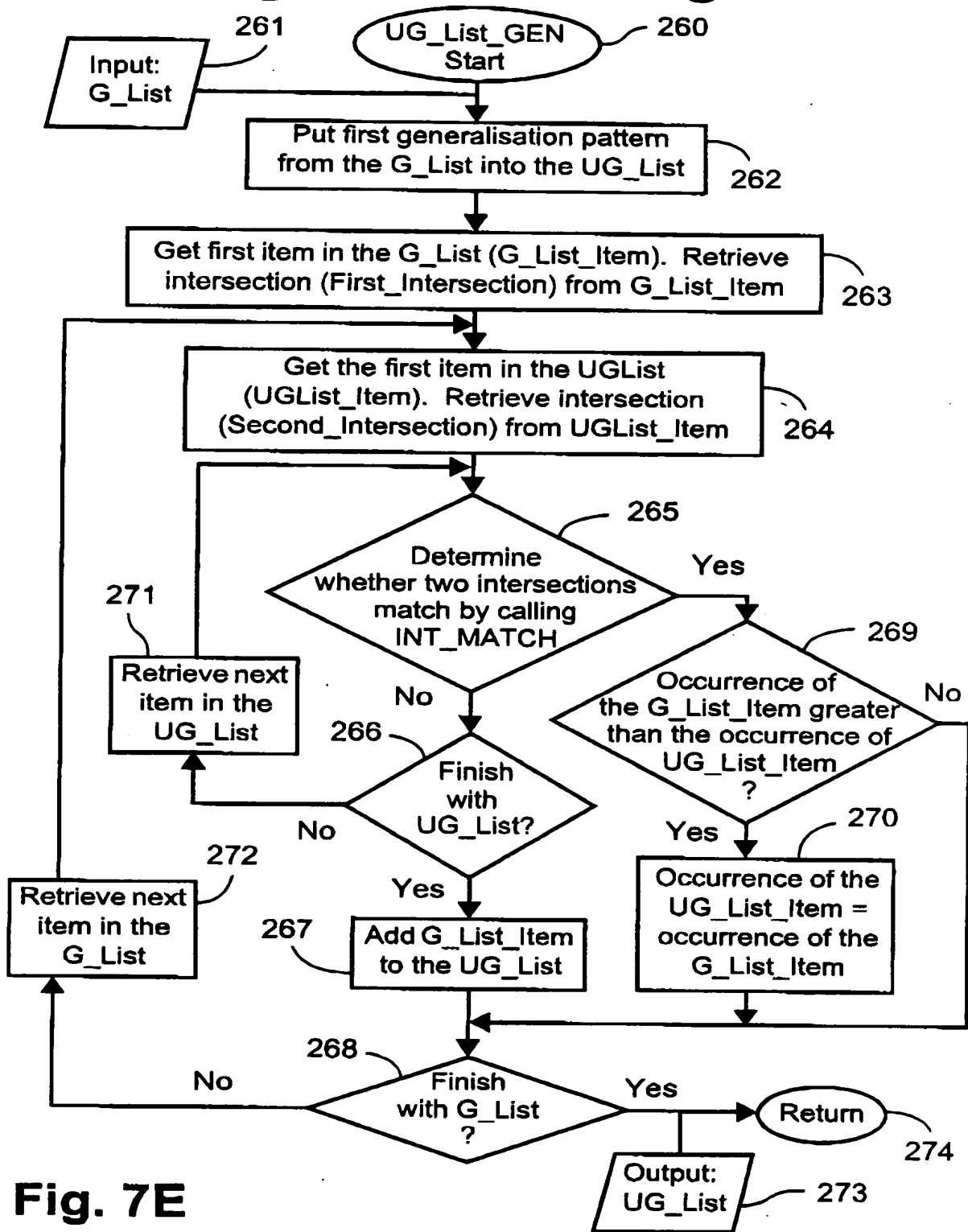
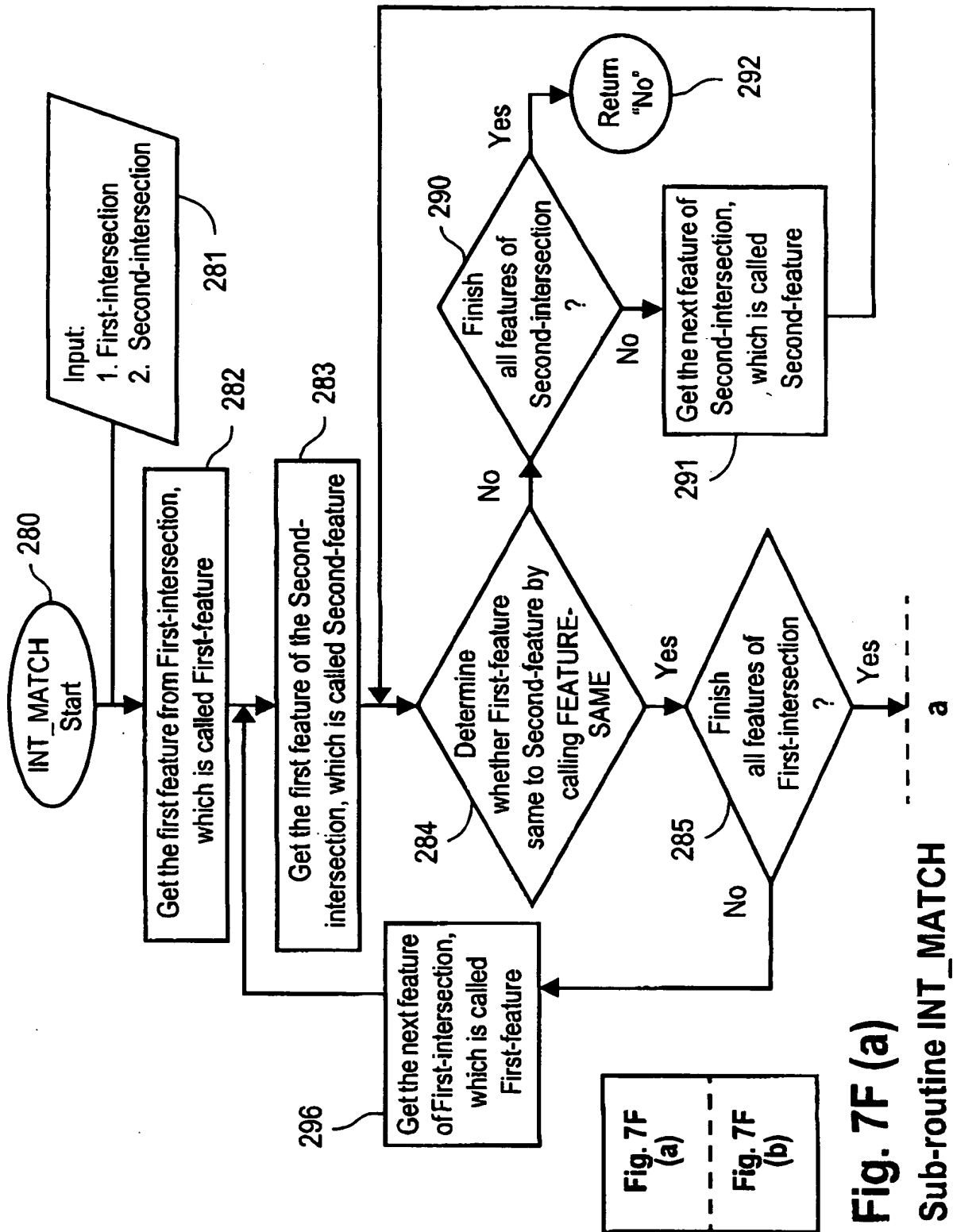
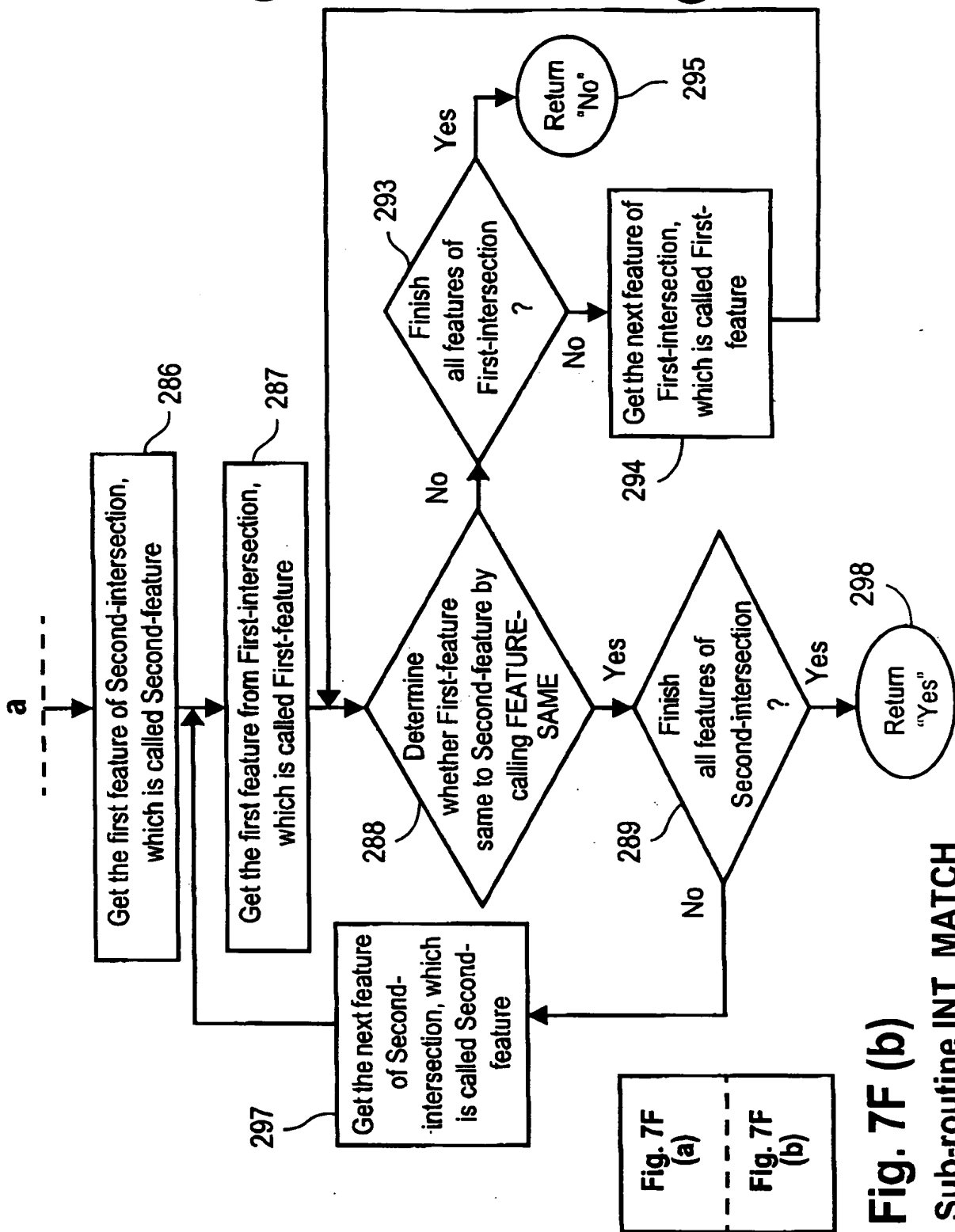


Fig. 7E
Sub-routine UG_List_GEN





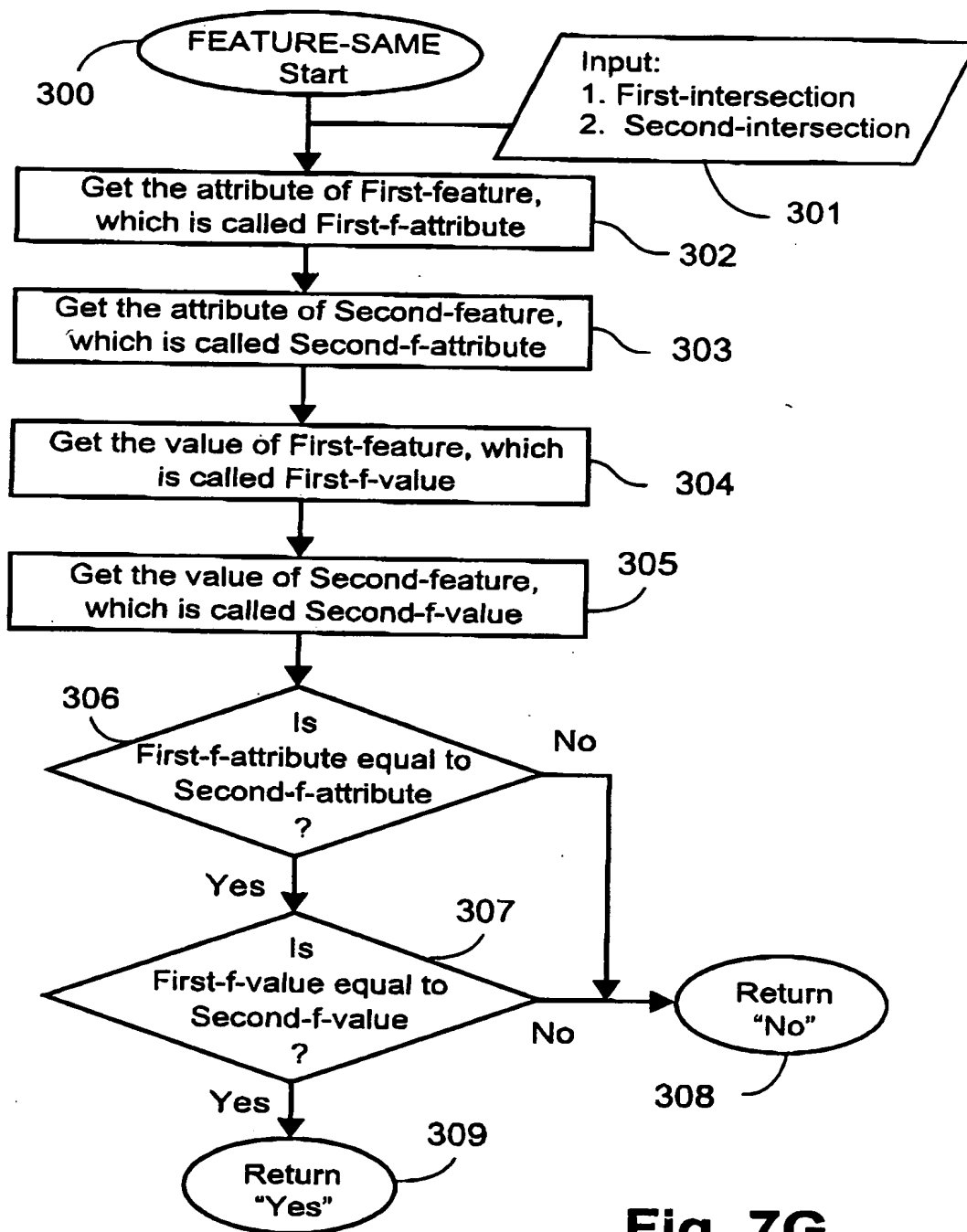


Fig. 7G
Sub-routine
FEATURE-SAME

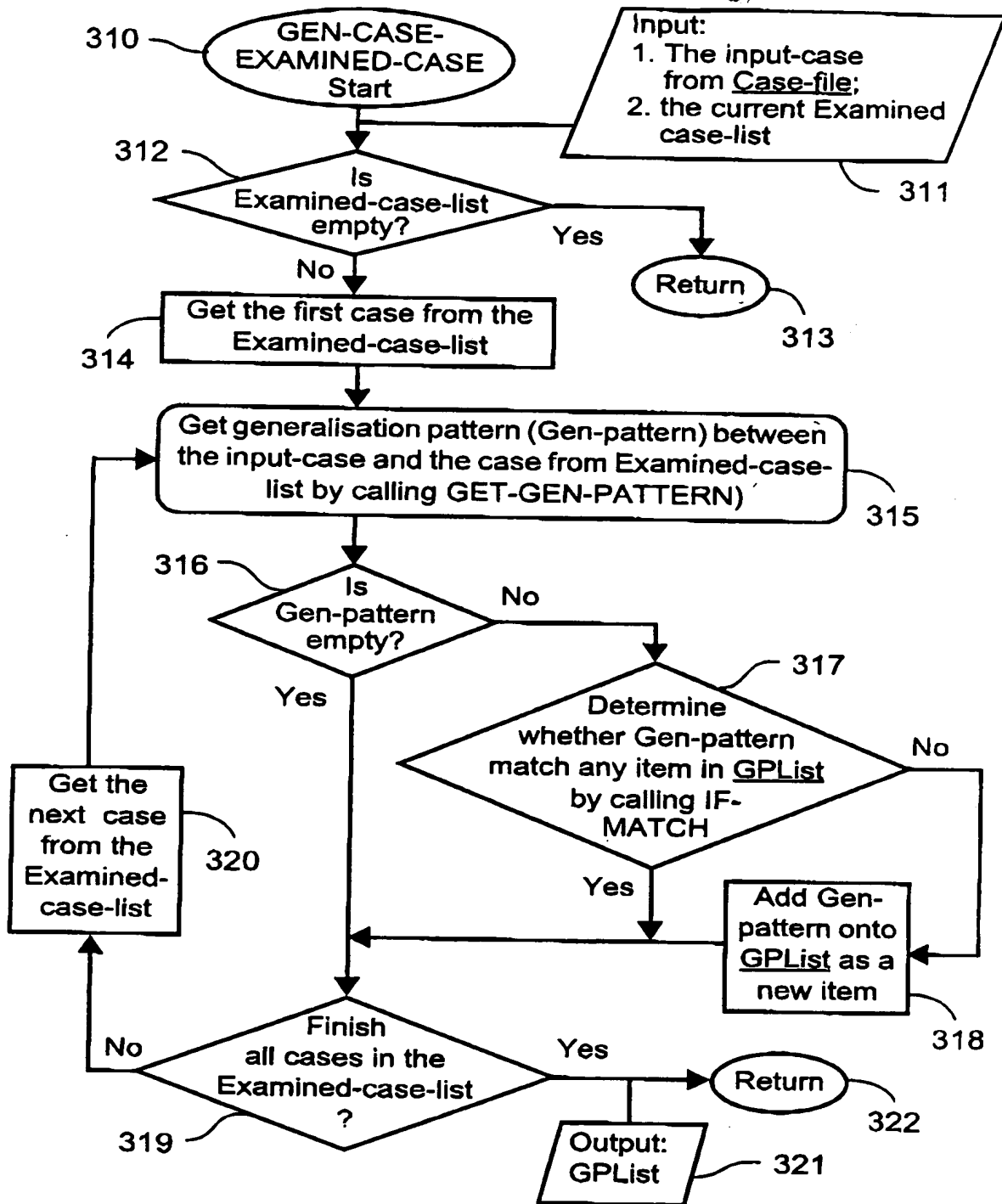


Fig. 7H
Sub-routine GEN-CASE-EXAMINED-CASES

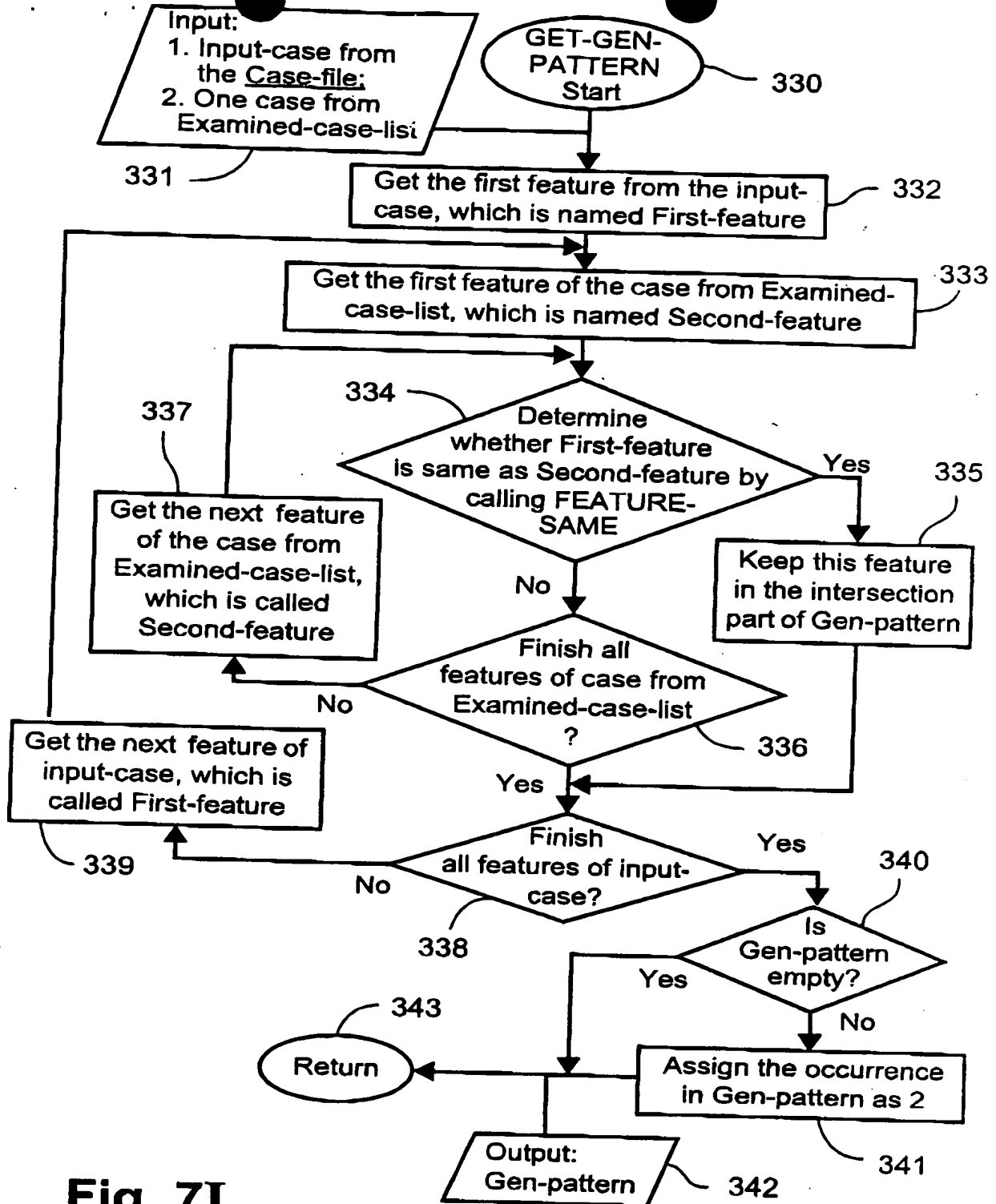


Fig. 7I
Sub-routine GET-GEN-PATTERN

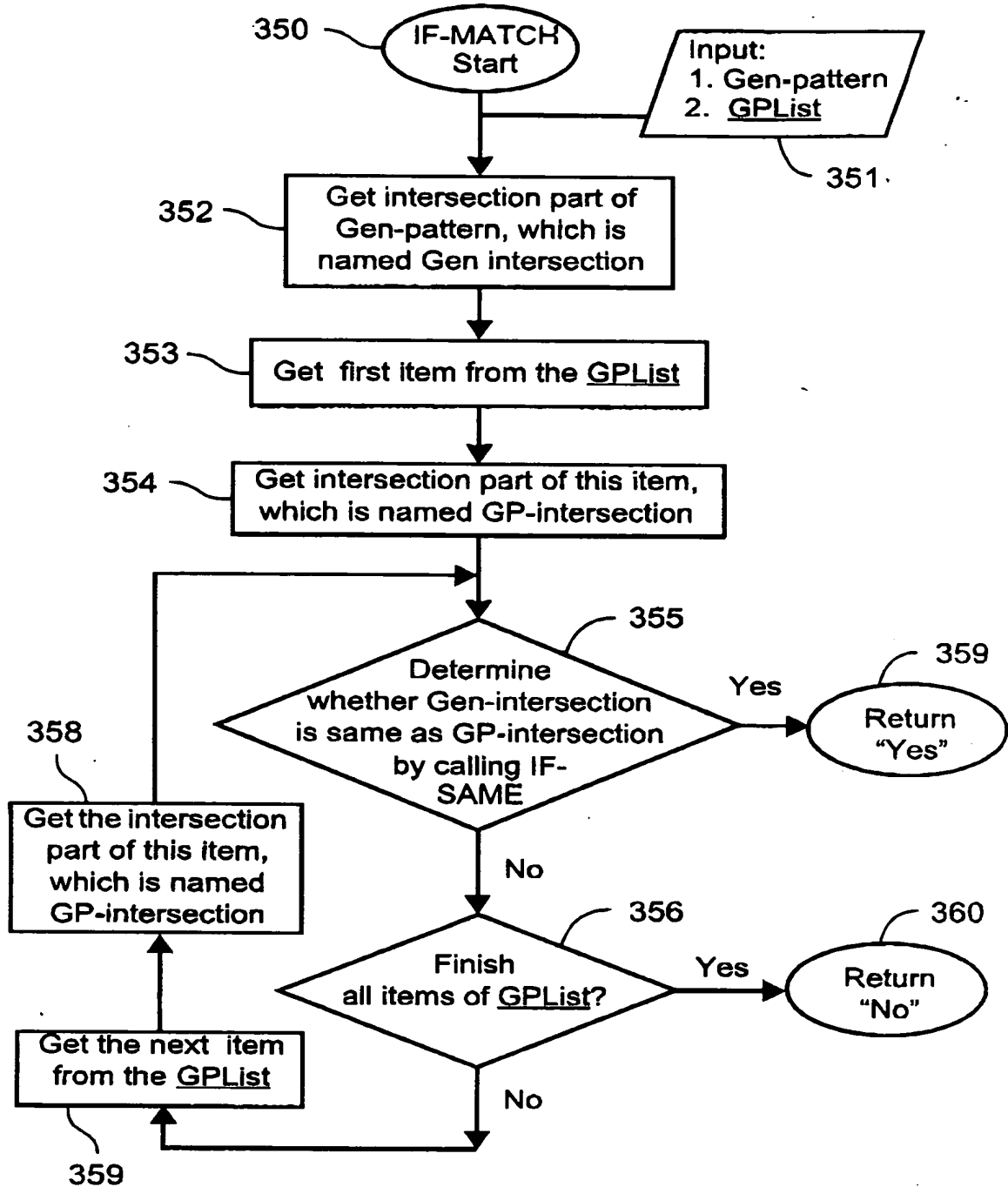


Fig. 7J
Sub-routine IF-MATCH

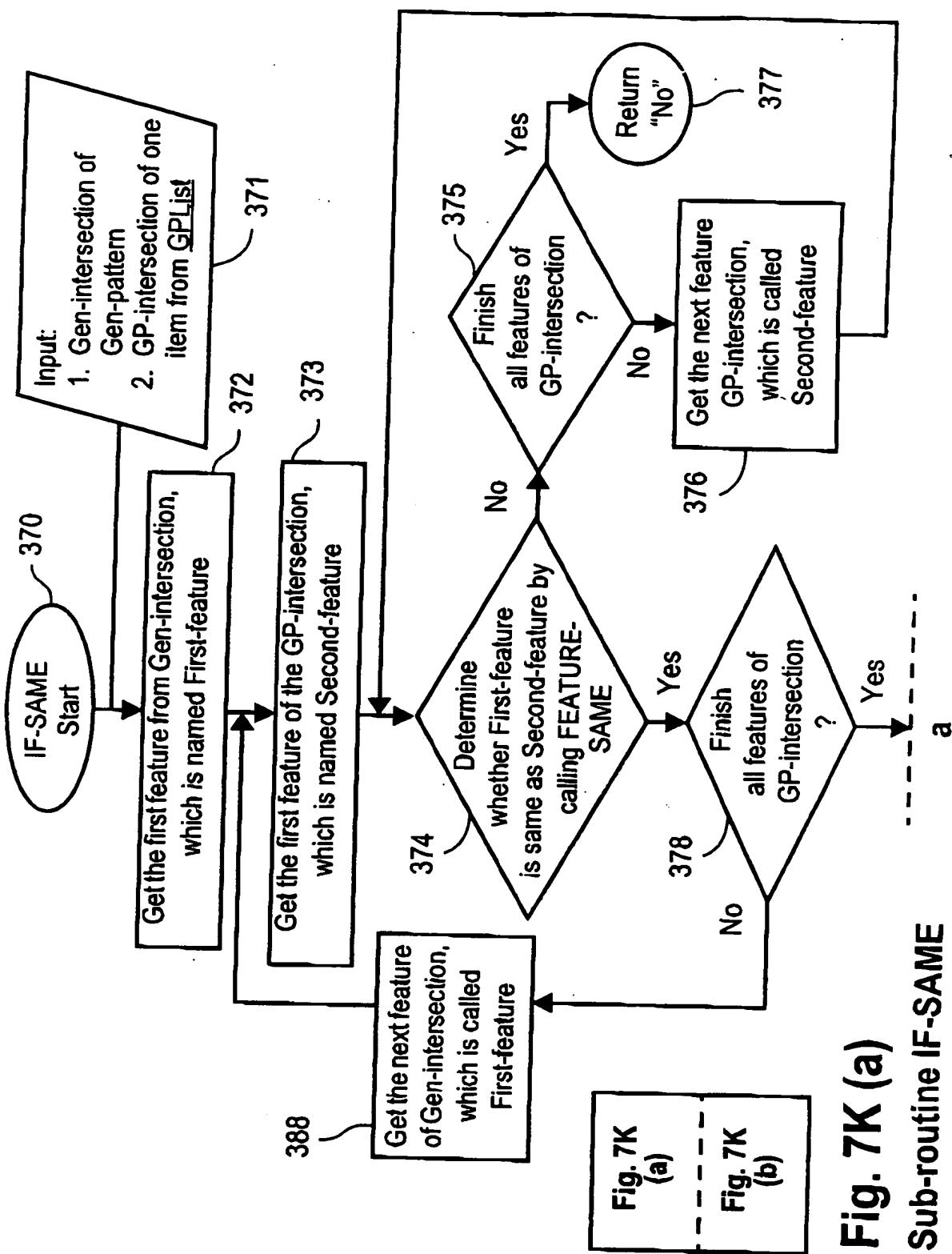
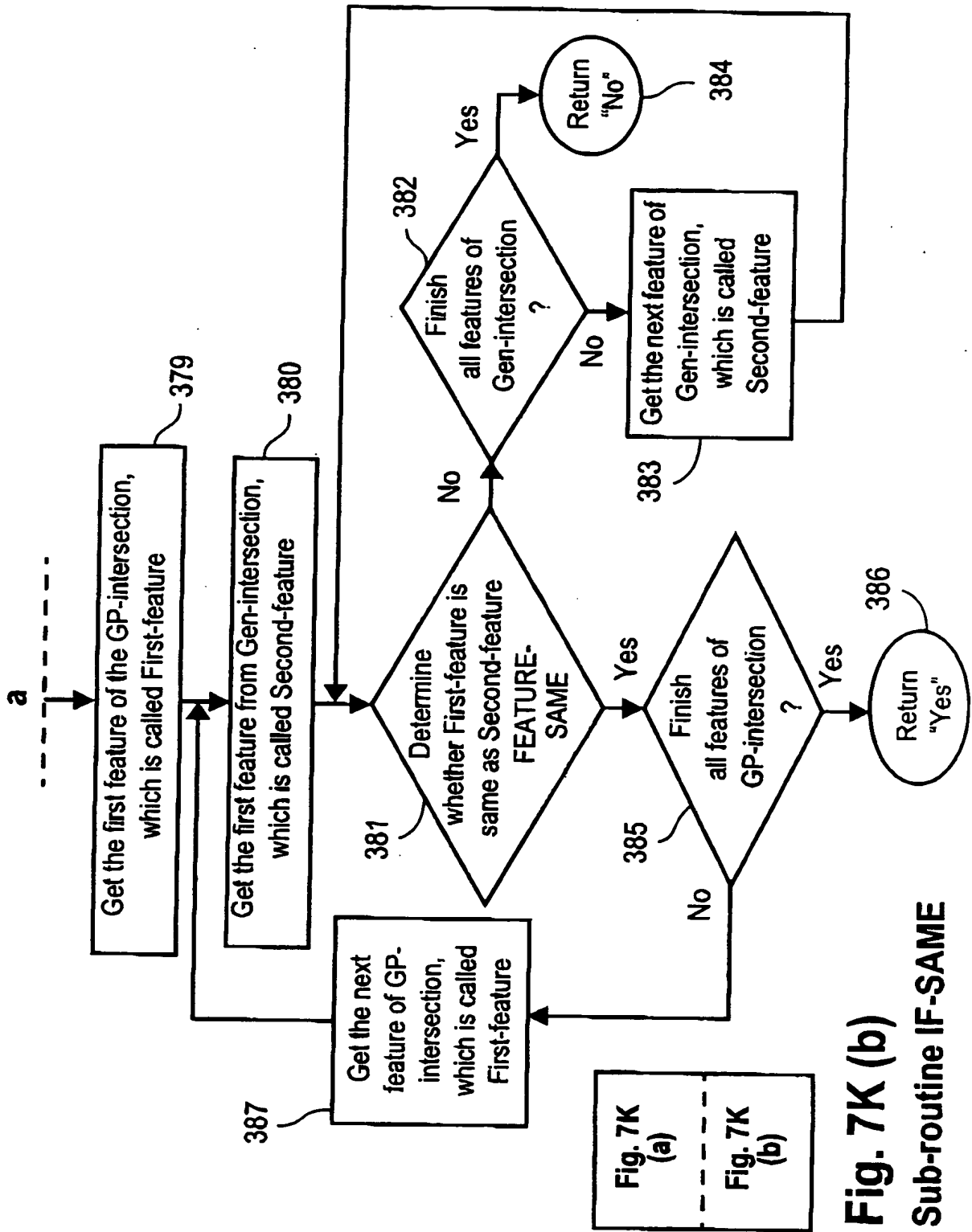
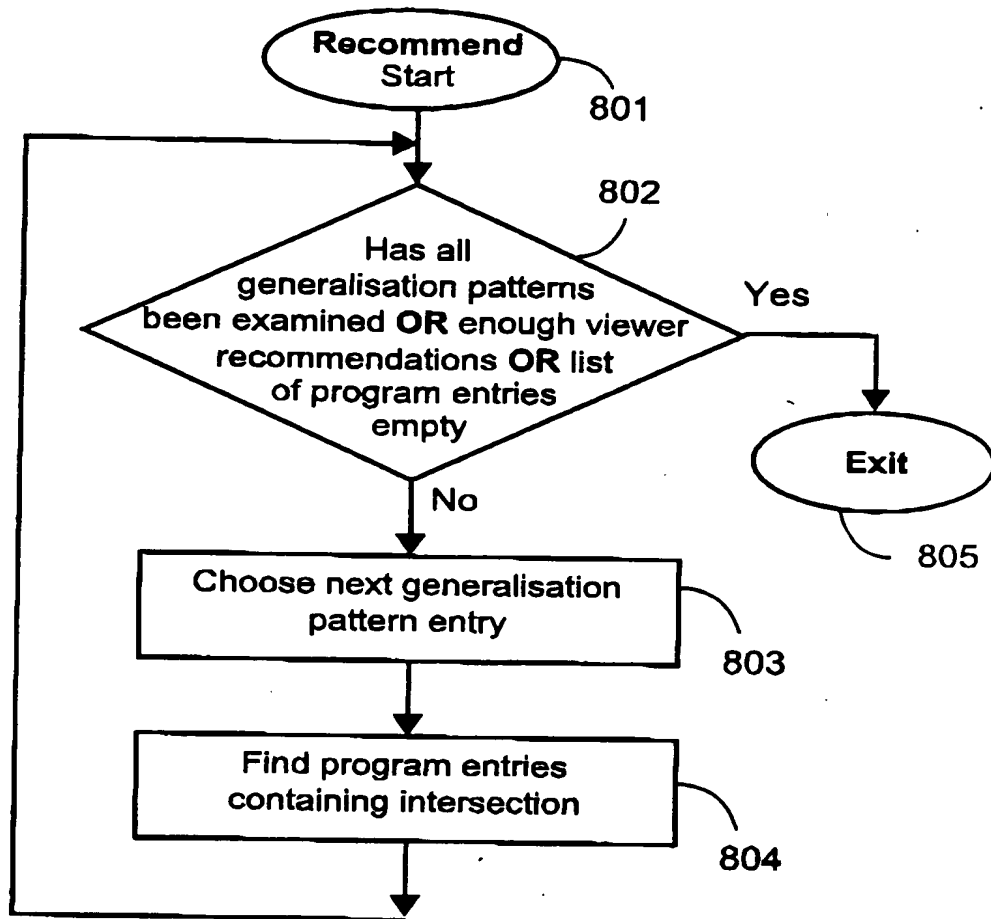


Fig. 7K (a)
Sub-routine IF-SAME



**Fig. 8**

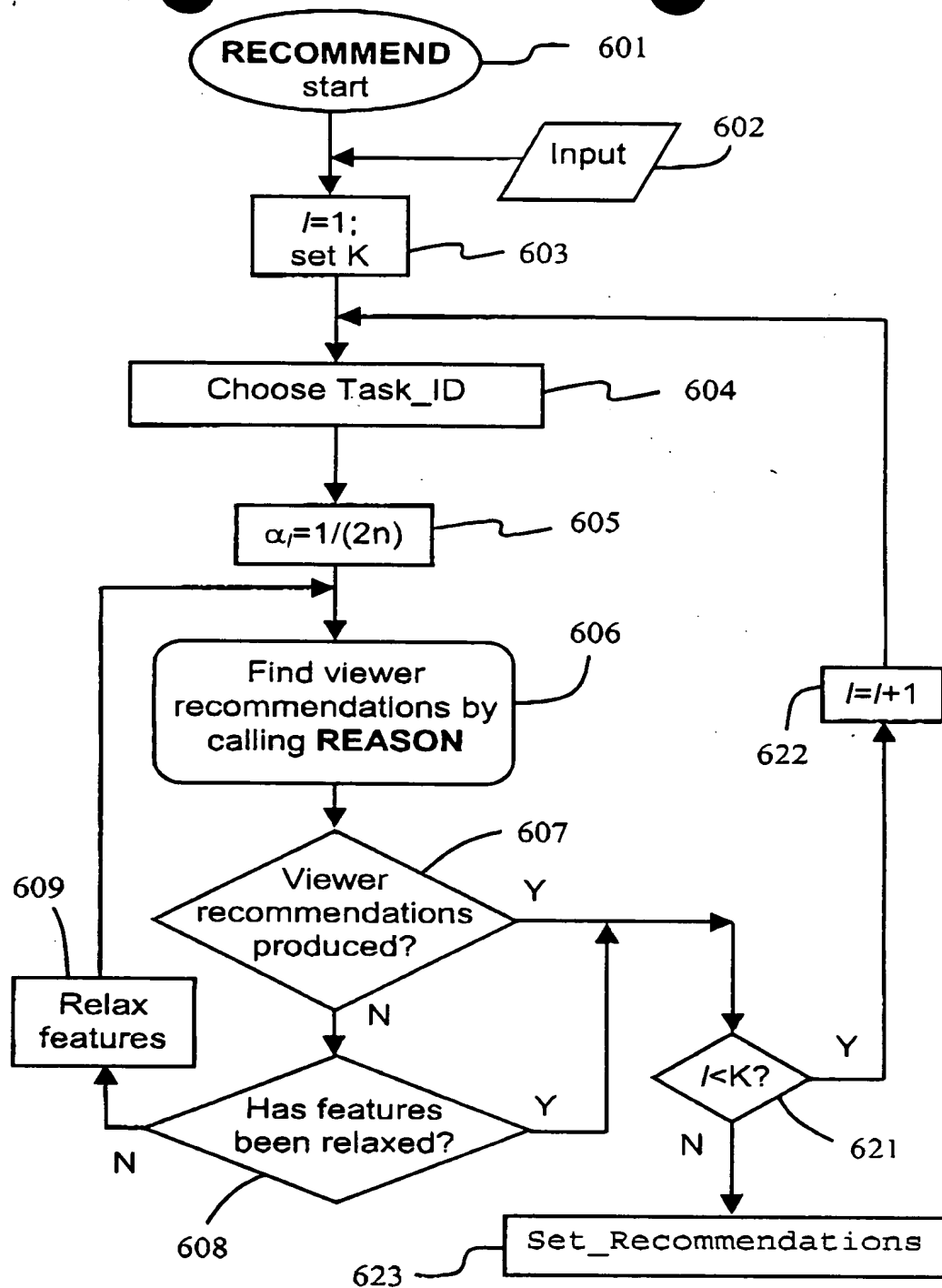


Fig. 9A
Procedure RECOMMEND

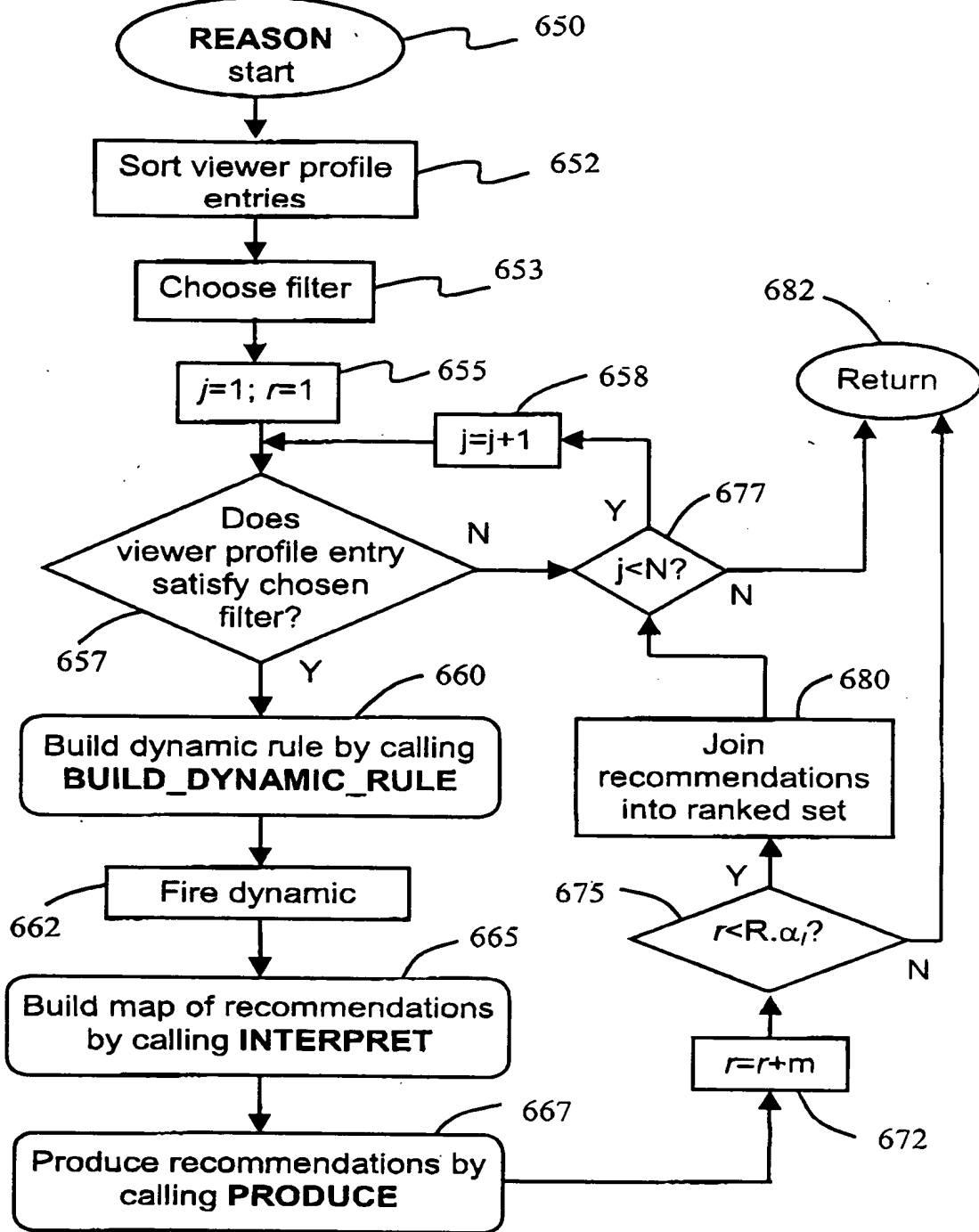


Fig. 9B
Sub-routine REASON

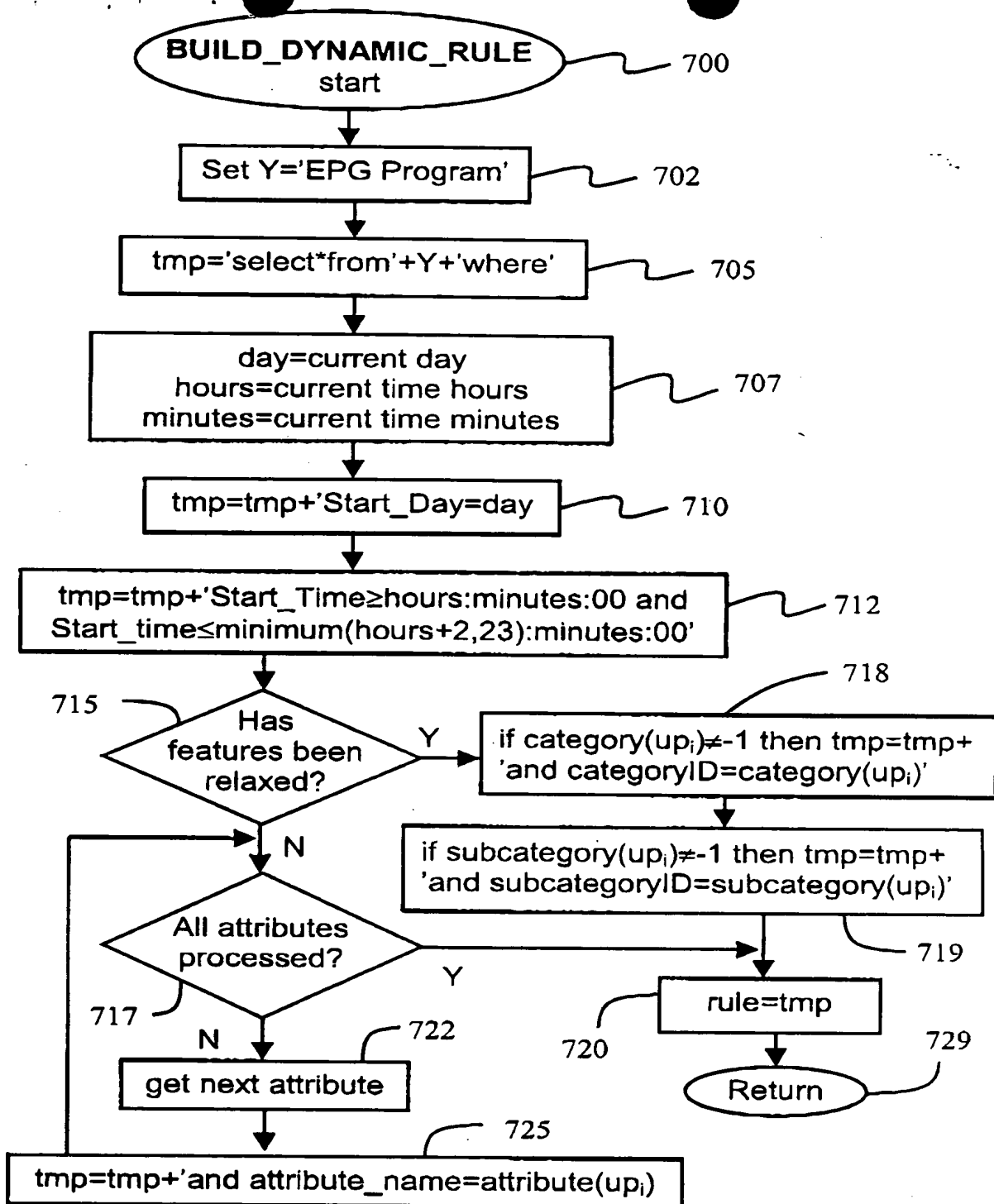


Fig. 9C
Sub-routine **BUILD_DYNAMIC_RULE**

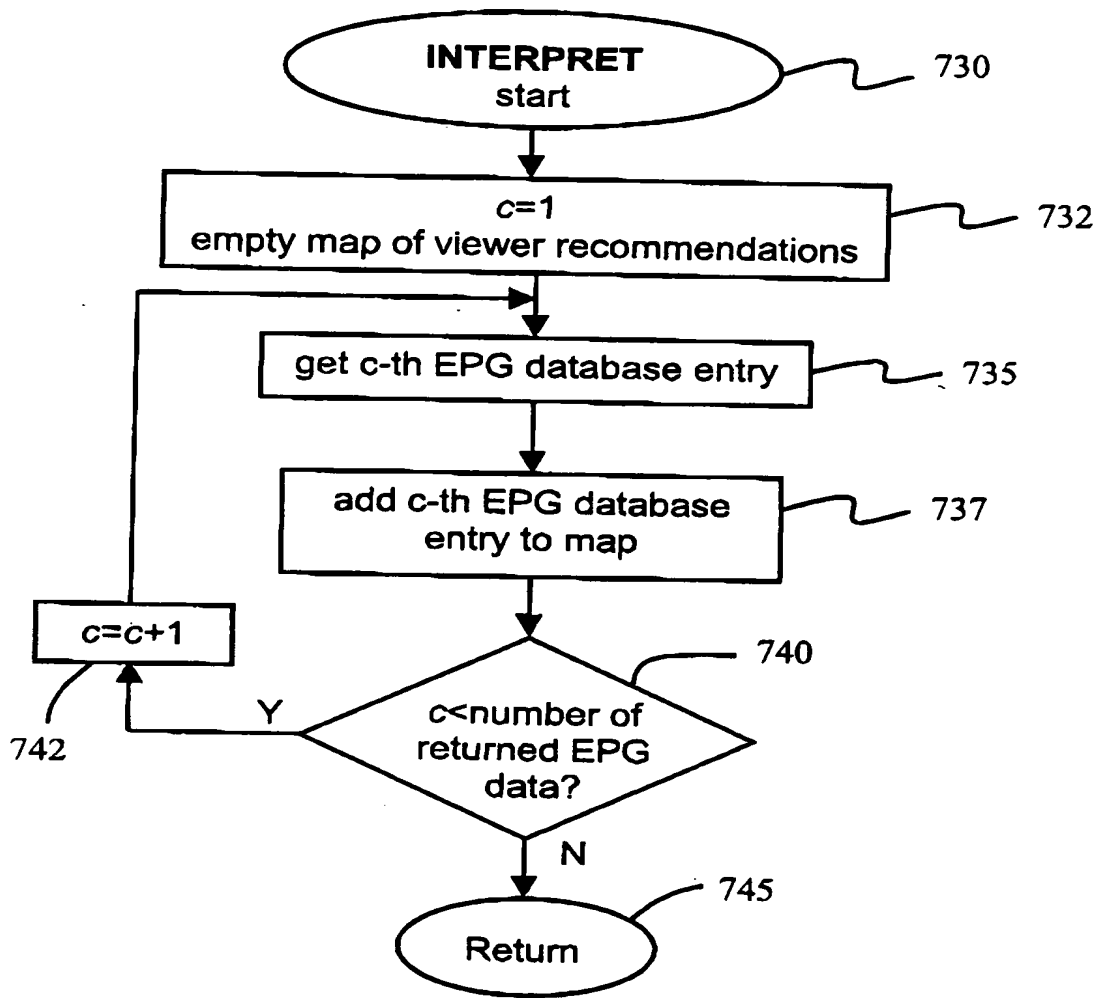


Fig. 9D
Sub-routine INTERPRET

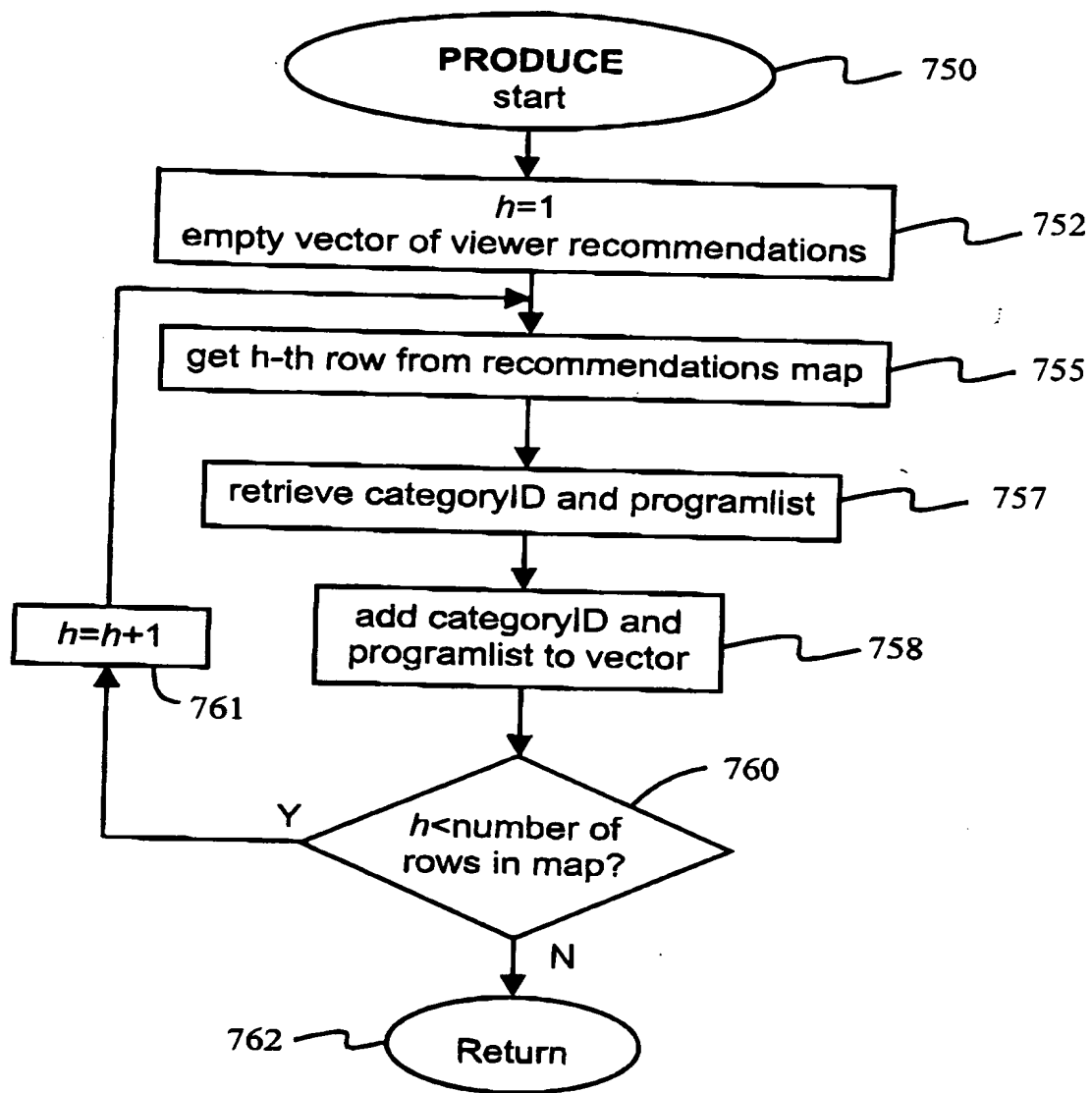


Fig. 9E
Sub-routine PRODUCE

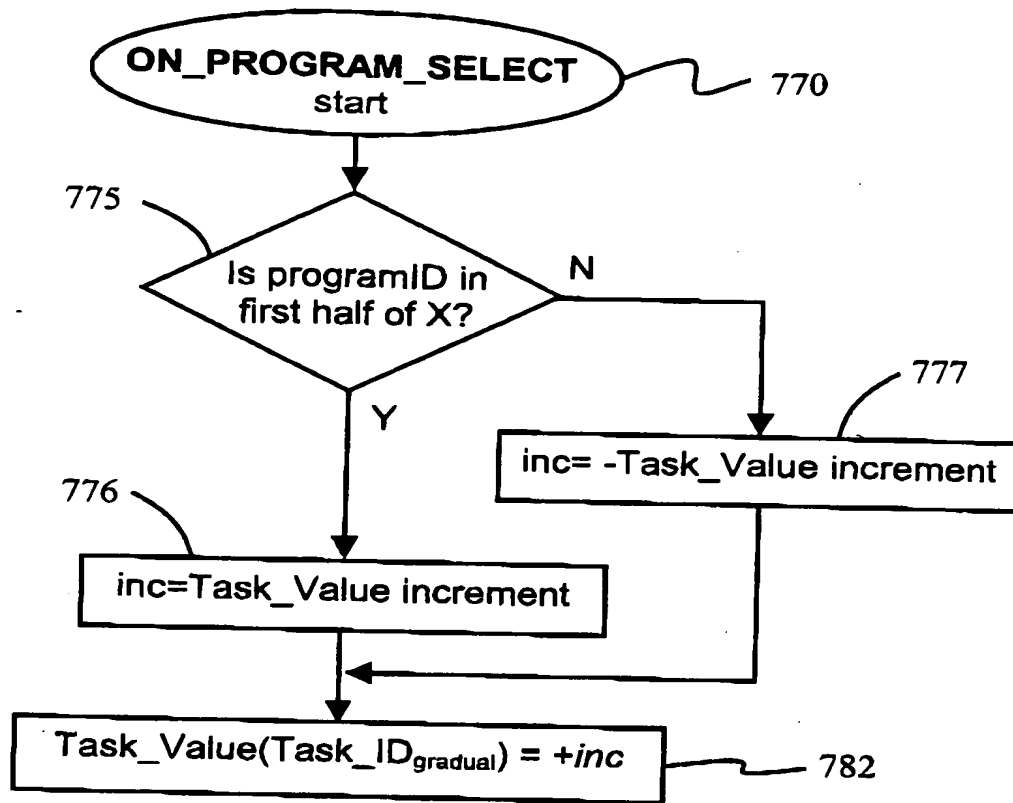
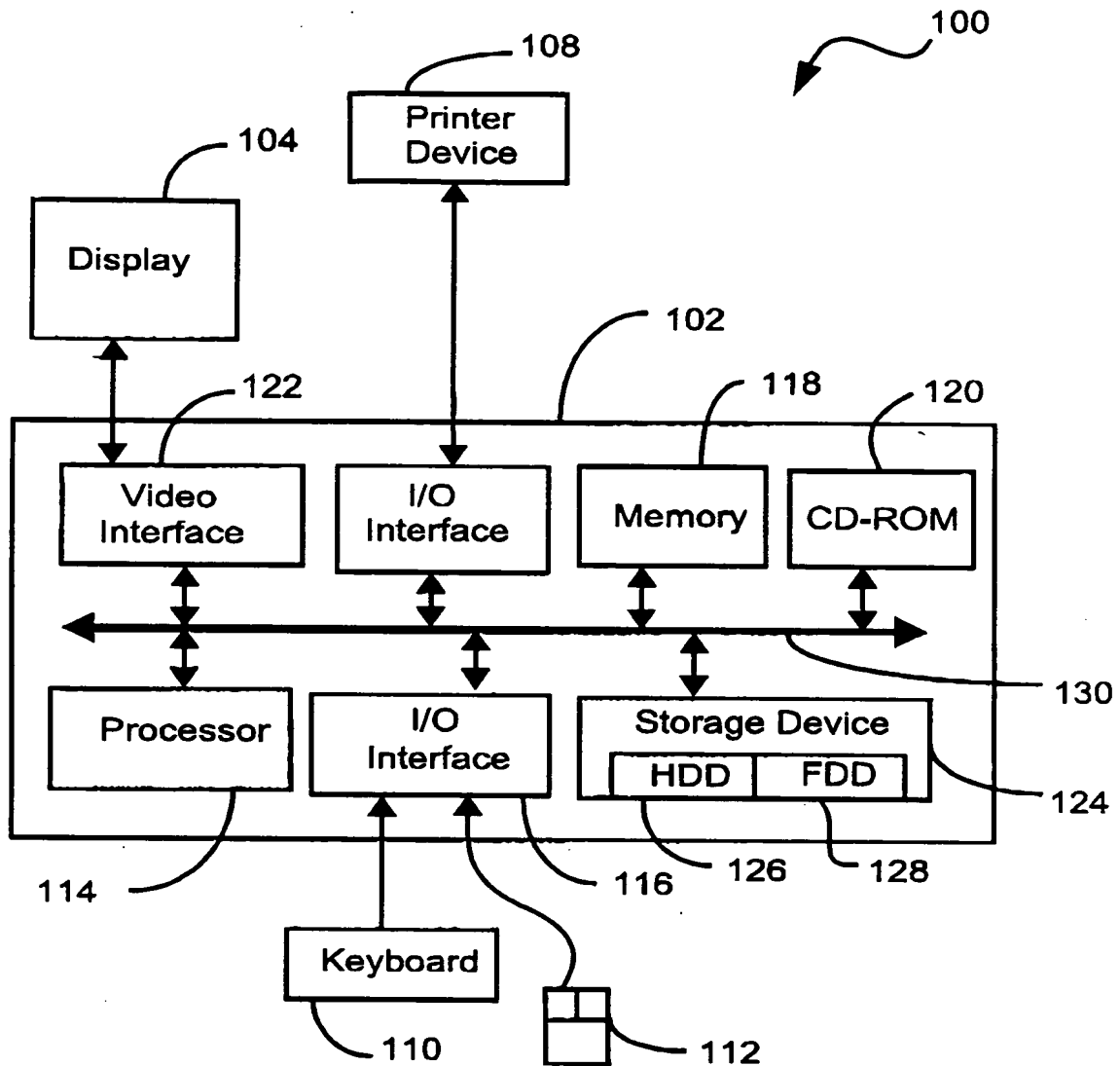


Fig. 9F
Routine ON_PROGRAM_SELECT

**Fig. 10**